

		Predecessors	Time	Expected	Pessimistk	Optimistic	Most Likel	ideal number of people	
1	Planning/Estimating	Material List	1.1	0	0.00	0	0	0	1
		Order Form	1.2	1.4	1.23	60	20	40	1
		Delivery	1.3	1.2	2.00	120	30	60	2
		Budget	1.4	1.1	1.34	60	20	45	1
		Cut List	1.5	0	0.00	0	0	0	1
		Labor	1.6	2	1.85	90	30	60	1
2	Construction	Door Frame	2.1	1.3					
		Frame	2.1.1	2	1.85	90	30	60	2
		Installed Door	2.1.2	2.1.4, 2.1.5	1.85	90	30	60	2
		Trim	2.1.3	2.1.5	0.93	45	15	30	1
		Built Door	2.1.4	3	2.70	120	45	90	2
		Siding	2.1.5	2.1.1	1.31	60	15	45	2
		Roof	2.2	2.1, 2.3, 2.4, 2.5, 2.6					
		Cut Rafters	2.2.1	3	2.78	120	60	90	2
		Installed Rafters	2.2.2	2.2.1	1.39	60	30	45	2
		Studs	2.2.3	2.2.2	3.60	160	60	120	2
		Blocking	2.2.4	2.2.2	2.78	120	60	90	2
		Purlins	2.2.5	2.2.4	1.85	90	30	60	2
		Roofing Panels	2.2.6	2.2.5	3.86	180	90	120	2
		Window Frame	2.3	1.3					
		Frame	2.3.1	4	3.70	180	60	120	1
		Trim	2.3.2	2.3.4	0.93	45	15	30	1
		Glass	2.3.3	2.3.4	2.08	120	45	60	2
		Siding	2.3.4	2.3.1	1.31	60	15	45	2
		Front Frame	2.4						
		Installed Window Frame	2.4.1	2.3, 2.7	1.34	60	20	45	2
		Installed Door Frame	2.4.2	2.1, 2.7	1.34	60	20	45	2
		Top/Bottom Plates	2.4.3	1.3	1.00	60	15	30	2
		Back Frame	2.5						
		Cut Pieces	2.5.1	1.3	1.00	60	15	30	1
		Assembled Frame	2.5.2	2.5.1	1.34	60	20	45	2
		Installed Frame	2.5.3	2.5.2, 2.7	0.93	45	15	30	2
		Side Frames	2.6						
		Cut Pieces	2.6.1	1.3	1.00	60	15	30	1
		Assembled Frame	2.6.2	2.6.1	1.34	60	20	45	2
		Installed Frame	2.6.3	2.6.2, 2.7	0.93	45	15	30	2
		Floor	2.7	1.3					
		Band	2.7.1	0.5	0.44	30	7	12	2
		Joists	2.7.2	2	2.00	120	30	60	2
		Skids	2.7.3	1	0.56	40	9	15	2
		Deck	2.7.4	2.7.1, 2.3	3.70	180	60	120	2
		Siding	2.8						
		Cut Material	2.8.1	1.3	2.00	120	30	60	2
		Installed Material	2.8.2	2.6.3, 2.5.3, 2.4, 2.2	4.99	240	90	160	2

Productivity Multiplier	
	1.85
hworked	4
hunproductive	0.83
productivity	75%
contingency	10%